

Notice of Allowability

Application No.

09/687,493

Examiner

Alexander O Williams

Applicant(s)

JANG

Art Unit

2826

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed 1/16/04.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☒ The drawings filed on 16 January 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

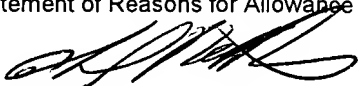
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


ALEXANDER O. WILLIAMS
PRIMARY EXAMINER

Art Unit: 2826

Serial Number: 09/687493 Attorney's Docket #: 45475-00028

Filing Date: 10/13/00; claimed foreign priority to 10/15/99

Applicant: Jang

Examiner: Alexander Williams

Applicant's Amendment, filed 1/16/04 has been acknowledged.

Claims 1 to 20 are allowable over the prior art of record.

In order to avoid abandonment, the drawing informalities noted in Paper No. , mailed on 1/16/04, must now be corrected. Correction can only be effected in the manner set forth in the above noted paper.

Formal drawings are now required and must be filed within the three month shortened statutory period set for response in the "NOTICE OF ALLOWABILITY" (PTOL-37). Extensions of time may be obtained under the provisions of 37 C.F.R. § 1.136(a). Failure to timely submit the drawings will result in **ABANDONMENT** of the application. The drawings should be submitted as a separate paper with a transmittal letter which is addressed to the Official Draftsman. The art unit number, serial number and number of drawing sheets should be written on the reverse side of the drawings.

REASON FOR ALLOWANCE

1. The following is an Examiner's Statement of Reasons for Allowance:

As to independent claims 1, 8 and 15, the prior art of record fails to show the combination recited in any of the claims. In particular, the prior art of record fails to show or collectively teach the chip paddle having a plurality of through-holes or tabs in the half-etched section of the chip paddle.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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The listed references are cited as of interest to this application, but not applied.

| Field of Search | Date |
|---|--|
| U.S. Class and subclass: 257/666,675,676,684,692,693,696,698,706,707,711- 713,717,720,734,730,787,796 | 1/12/02 10/12/02 3/3/03 5/10/04 |
| Other Documentation: foreign patents and literature in 257//666,675,676,684,692,693,696,698,706,707,711- 713,717,720,734,730,787,796 | 1/12/02 10/12/02 3/3/03 5/10/04 |
| Electronic data base(s): U.S. Patents EAST | 1/12/02 10/12/02 3/3/03 5/10/04 |

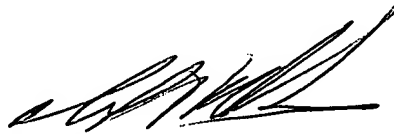
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander O Williams whose telephone number is (571) 272 1924. The examiner can normally be reached on M-F 6:30-7:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272 1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AOW
5/10/04

A handwritten signature in black ink, appearing to read 'Alexander Williams', with a stylized, sweeping flourish at the end.

Alexander Williams
Primary Examiner